

## Ordering Information

### Lytetube Indirect Open w/Track :

4 Foot Joiner: **RT632742**

8 Foot Joiner: **RT632782**

### Ballast & Voltage (add code to end of base catalog number - Example: **RT632782E82**)

**E81 = T8 Electronic 120v**

**HD1 = T8 Electronic PowerSpec Dimming 120v**

**M71 = T8 Electronic Dimming 120v**

**E82 = T8 Electronic 277v**

**HD2 = T8 Electronic PowerSpec Dimming 277v**

**M72 = T8 Electronic Dimming 277v**

Complete ordering instructions on back.

For all fixtures represented in this family please refer to the brochure and/or additional specification sheets.

## Features

- Housing:** Extruded aluminum. 1/8" (0.32cm) aluminum end cap attached with no exposed fasteners.
- Lamping:** Two T8 32 watt fluorescent lamps. Provided by others.
- Reflector:** Precision die-formed high gloss baked white enamel reflector.
- Lens:** Extruded clear acrylic linear ribbed lens.
- Lytespan:** Pre-wired Basic 1-circuit track. 20 amps at 120v (pre-wired with lamp on Indirect/Track unit).
- Alignment/Locking Mechanism:** Heavy gauge steel bracket with integral splines for alignment of housing modules, joins modules tightly together without removing any luminaire component at time of installation.

## Electrical

Specify 120 volt or 277 volt. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

## Mountings

**Cable Suspension** (not shown)- 1-1/2" (3.81cm) or 4-1/2" (11.43cm) diameter flat canopy finished enamel white, 3/16" (0.48cm) diameter x 4" (10.16cm) stabilizing tube (polished chrome finish), 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm), adjustable cable gripper. Available with both white jacketed straight or coiled cord. Feed locations require a 4-1/2" (11.43cm) canopy. Coiled cord not available in dual switching or emergency battery backup.

**Stem Mounting** (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/2" (2.08cm) diameter stem. Chrome plate or white finish. Can be cut to length on job. Self-aligning swivel provides adjustability up to 38°. The stem assembly shall meet or exceed the requirements set forth in the State of California Uniform Building Code for suspended lighting fixtures installed in seismic zone four.

**Wall Mounting** (not shown) - consult factory for availability.

## Finish

Powder coated baked white enamel. Custom colors available, consult factory.

## Options and Accessories

L, T, X, Inline joiner blocks, emergency battery packs, dual switching and fusing available.

## Labels

UL, cUL and I.B.E.W.

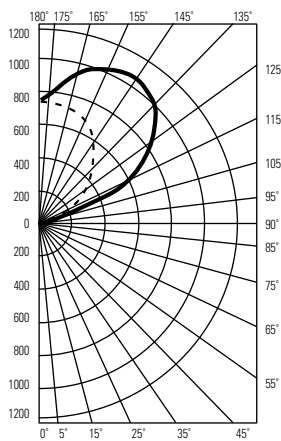
US Patent No. 4,717,993.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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## Performance and Quick Calculator

### CANDLEPOWER CURVE



REPORT NO: LRL 489-10E  
LAMP: 2-32WT8  
LUMENS: 2900  
EFFICIENCY: 62.0%

### CANDLEPOWER

ZONE	0	22	45	67	90
180	763	763	763	763	763
175	758	762	776	794	800
165	739	814	916	970	978
155	681	841	942	1015	1035
145	601	809	929	1045	1078
135	474	690	848	999	1042
125	368	582	796	898	885
115	221	429	566	616	628
105	89	236	320	356	360
95	14	71	99	109	109
90	0	47	57	67	69
85	0	28	38	48	58
75	0	12	25	40	42
65	0	4	19	29	31
55	0	2	7	13	15
45	0	0	3	4	5
35	0	0	1	3	3
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0-90	91	1.6	2.5
90-180	3506	60.4	97.5
0-180	3597	62.0	100.0

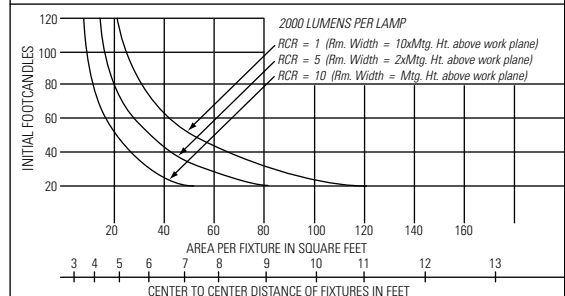
### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80	70	50
	50	30	10
ROOM CAVITY RATIO	50	30	10
0	59	59	59
1	51	49	47
2	44	41	38
3	39	35	31
4	34	30	26
5	30	26	22
6	27	22	19
7	24	19	16
8	22	17	14
9	19	15	12
10	18	14	11

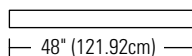
### SPACING RATIOS: PARALLEL = 1.3 / PERPENDICULAR = 1.5

ROOM SURFACE REFLECTANCES: 80% CEILING, 50% WALLS, 20% FLOOR

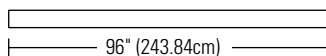


## Fixture Lengths & Mounting Locations

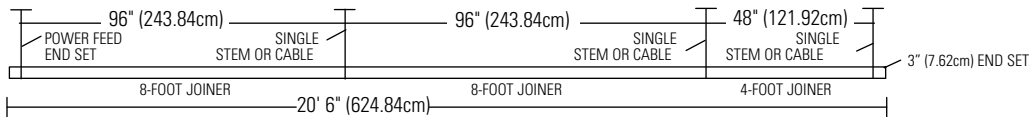
### 4-FOOT JOINER



### 8-FOOT JOINER



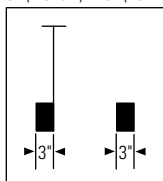
## Sample Run



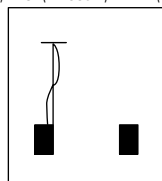
Dimensions given are both fixture lengths and mounting distances.

## Mounting & Joiner Block Accessories

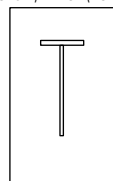
3" (7.62cm) 6" (15.24cm) 9" (22.86cm) 12" (30.54cm) 18" (45.72cm) 24" (60.96cm)



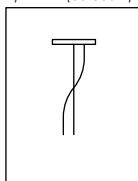
**Power Feed End Set Chrome Stem**  
RT62 ED12 = 12" OAL  
RT62 ED18 = 18" OAL  
RT62 ED24 = 24" OAL  
Add **WH** for white stem



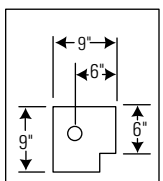
**Power Feed End Set Cable/Cord**  
RT62 EDCC36 (straight cord)  
RT62 EDCCC36 (coiled cord)  
Max 10 amps.



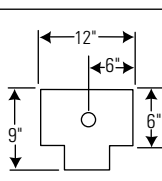
**Single Stem Chrome**  
S12 = 12" OAL  
S18 = 18" OAL  
S24 = 24" OAL  
Add **WH** for white stem



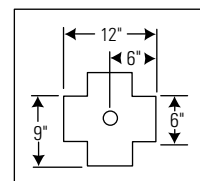
**Cable Assemblies**  
C36 (cable only)  
CC36 (cable/straight cord feed)  
CCC36 (cable/coiled cord feed)



**"L" Joiner Block**  
RT62-LD



**"T" Joiner Block**  
RT62-TD



**"X" Joiner Block**  
RT62-XD

Inline joiner block available: RT62ILD

## Ordering Instructions

### Individual Fixtures:

1. Order number of JOINER FIXTURES.
2. Order one POWER FEED END SET per fixture.
3. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.

### Continuous Rows:

1. Determine run length.
2. Order the appropriate number of JOINER FIXTURES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.
5. For cable mounted runs that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

### Square/Rectangle Patterns:

1. Order appropriate number of JOINER FIXTURES to complete the pattern size.
2. Order number and type of JOINER BLOCKS required.
3. Order one SINGLE STEM or CABLE ASSEMBLY per JOINER FIXTURE.
4. For cable mounted patterns that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

## Job Information

## Type:

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